

Axial Lead Fuse, 6.3x32 mm, low resistance, up to 30 A

new



UL 248-14 · 250V · Slow-Blow

**Description**

- Up to 30 A, low resistance
- Ceramic Tube

**Standards**

- UL 248-14
- CSA C22.2 no. 248.14

**Approvals**

- UL File Number: E184831

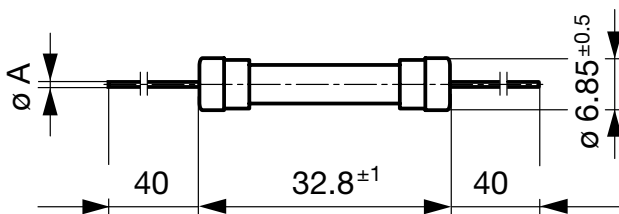
**Applications**

- Single-phase high current applications up to 30 A
- Industrial electronic

**References**
[General Product Information](#)
[Packaging Details](#)
**Weblinks**
[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Distributor-Stock-Check](#), [Accessories](#), [Product Change Notification \(PCN\)](#)
**Technical Data**

|                              |                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Rated Voltage                | 250V                                                                                                                  |
| Rated Current                | 12 - 30A                                                                                                              |
| Breaking Capacity            | 500A                                                                                                                  |
| Characteristic               | Slow-Blow                                                                                                             |
| Admissible Ambient Air Temp. | -40 °C to 85 °C                                                                                                       |
| Climatic Category            | 40/085/21 acc. to IEC 60068-1                                                                                         |
| Material: Tube               | Ceramic                                                                                                               |
| Material: Endcaps            | Nickel-Plated Brass                                                                                                   |
| Material: Axial Leads        | Tin-Plated Copper                                                                                                     |
| Material: Filler             | Sand                                                                                                                  |
| Unit Weight                  | 3.9 g                                                                                                                 |
| Storage Conditions           | 0 °C to 60 °C, max. 70% r.h.                                                                                          |
| Product Marking              |  Type, Current, Voltage, Approvals |

|                              |                                                           |
|------------------------------|-----------------------------------------------------------|
| Soldering Methods            | Wave, Iron                                                |
| Solderability                | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1  |
| Resistance to Soldering Heat | 260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A |

**Dimensions**
 32 mm


In = 12 A: ØA = 0.8 mm

In ≥ 15 A: ØA = 1.0 mm

**Pre-Arcing Time**

| Rated Current In | 1.0 x In min. | 1.35 x In max. | 2.0 x In min. | 2.0 x In max. |
|------------------|---------------|----------------|---------------|---------------|
| 12 A - 30 A      | 4 h           | 60 min         | 5 s           | 60 s          |

Variants

| Rated Current [A] | Rated Voltage [VAC] | Breaking Capacity | Voltage Drop 1.0 In typ. [mV] | Cold Resistance typ. [mΩ] | Melting I <sup>2</sup> t 10.0 Intyp. [A²s] |  | Order Number |
|-------------------|---------------------|-------------------|-------------------------------|---------------------------|--------------------------------------------|-----------------------------------------------------------------------------------|--------------|
| 12                | 250                 | 1)                | 78                            | 5.6                       | 72                                         | ●                                                                                 | 8020.0603.PT |
| 15                | 250                 | 1)                | 81                            | 4.7                       | 152                                        | ●                                                                                 | 8020.0604.PT |
| 20                | 250                 | 1)                | 87                            | 3.6                       | 750                                        | ●                                                                                 | 8020.0605.PT |
| 25                | 250                 | 1)                | 62                            | 2.1                       | 1010                                       | ●                                                                                 | 8020.0606.PT |
| 30                | 250                 | 1)                | 64                            | 1.8                       | 2050                                       | ●                                                                                 | 8020.0607.PT |

1) 500 A @ 250 VAC, 10 kA @ 125 VAC

Packaging Unit
 Bulk (1000 pcs.)

Time-Current-Curves

